

Title (en)

Manufacture of butanedicarboxylic acid esters.

Title (de)

Herstellung von Estern der Butandikarbonsäure.

Title (fr)

Préparation d'esters d'acide butanedicarboxylique.

Publication

EP 0192340 A1 19860827 (EN)

Application

EP 86300449 A 19860123

Priority

US 69467985 A 19850124

Abstract (en)

Increased catalyst concentration relative to butadiene in its carboalkoxylation permits operation at reduced pressure and simplifies process steps.

IPC 1-7

C07C 69/44; **C07C 67/38**

IPC 8 full level

C07B 61/00 (2006.01); **B01J 31/00** (2006.01); **C07C 67/38** (2006.01); **C07C 69/44** (2006.01)

CPC (source: EP KR US)

C07C 67/38 (2013.01 - EP KR US); **C07C 69/44** (2013.01 - KR)

Citation (search report)

- [X] EP 0010581 A1 19800514 - BASF AG [DE]
- [X] EP 0158239 A2 19851016 - BASF AG [DE]

Designated contracting state (EPC)

BE DE FR GB IT LU NL

DOCDB simple family (publication)

EP 0192340 A1 19860827; **EP 0192340 B1 19910515**; CA 1268777 A 19900508; DE 3679213 D1 19910620; JP S61172850 A 19860804; KR 860005779 A 19860813; KR 930003461 B1 19930429; US 4618702 A 19861021

DOCDB simple family (application)

EP 86300449 A 19860123; CA 500192 A 19860123; DE 3679213 T 19860123; JP 1120386 A 19860123; KR 860000406 A 19860123; US 69467985 A 19850124